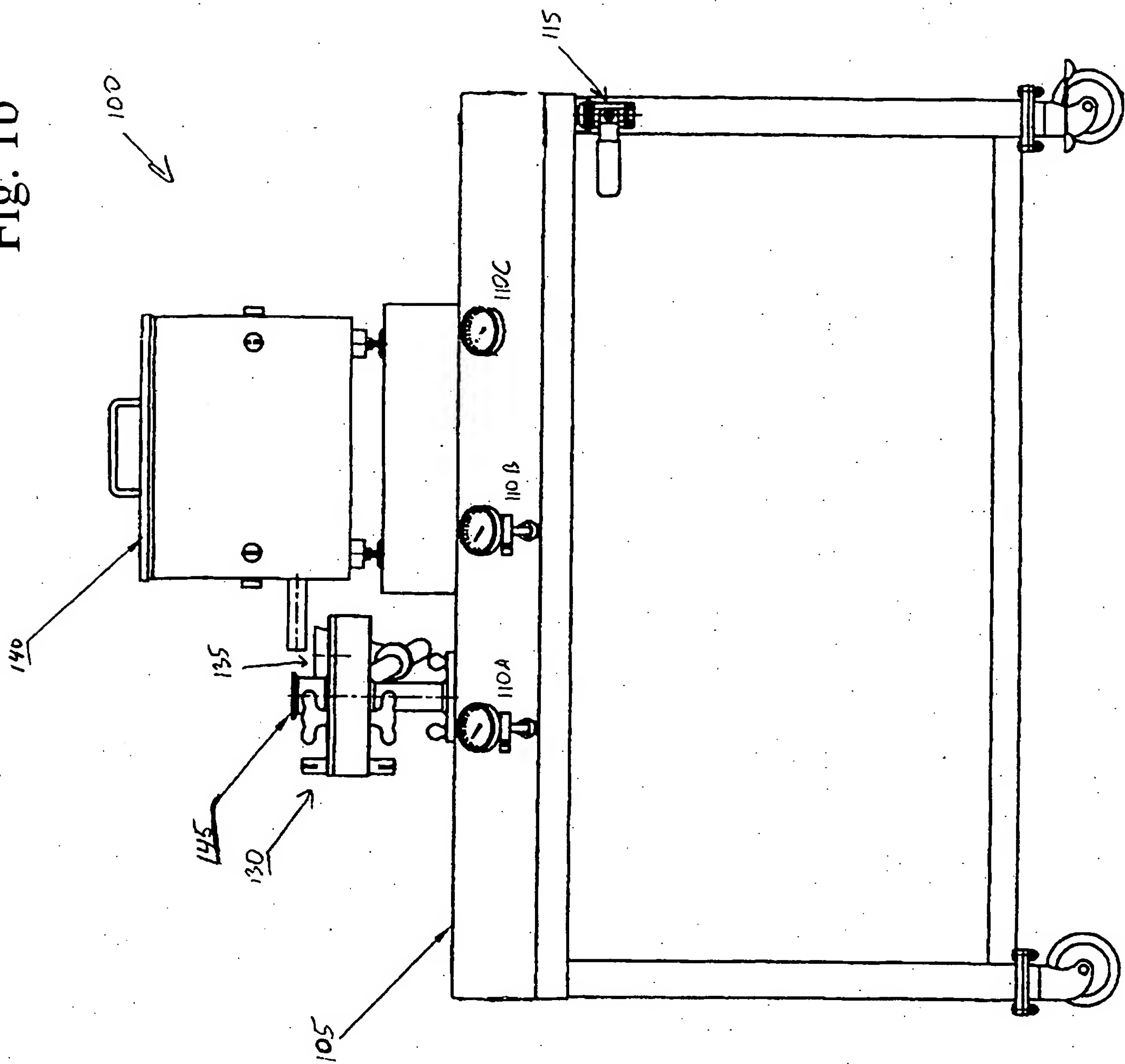


FIGURE 1a

Fig. 1b



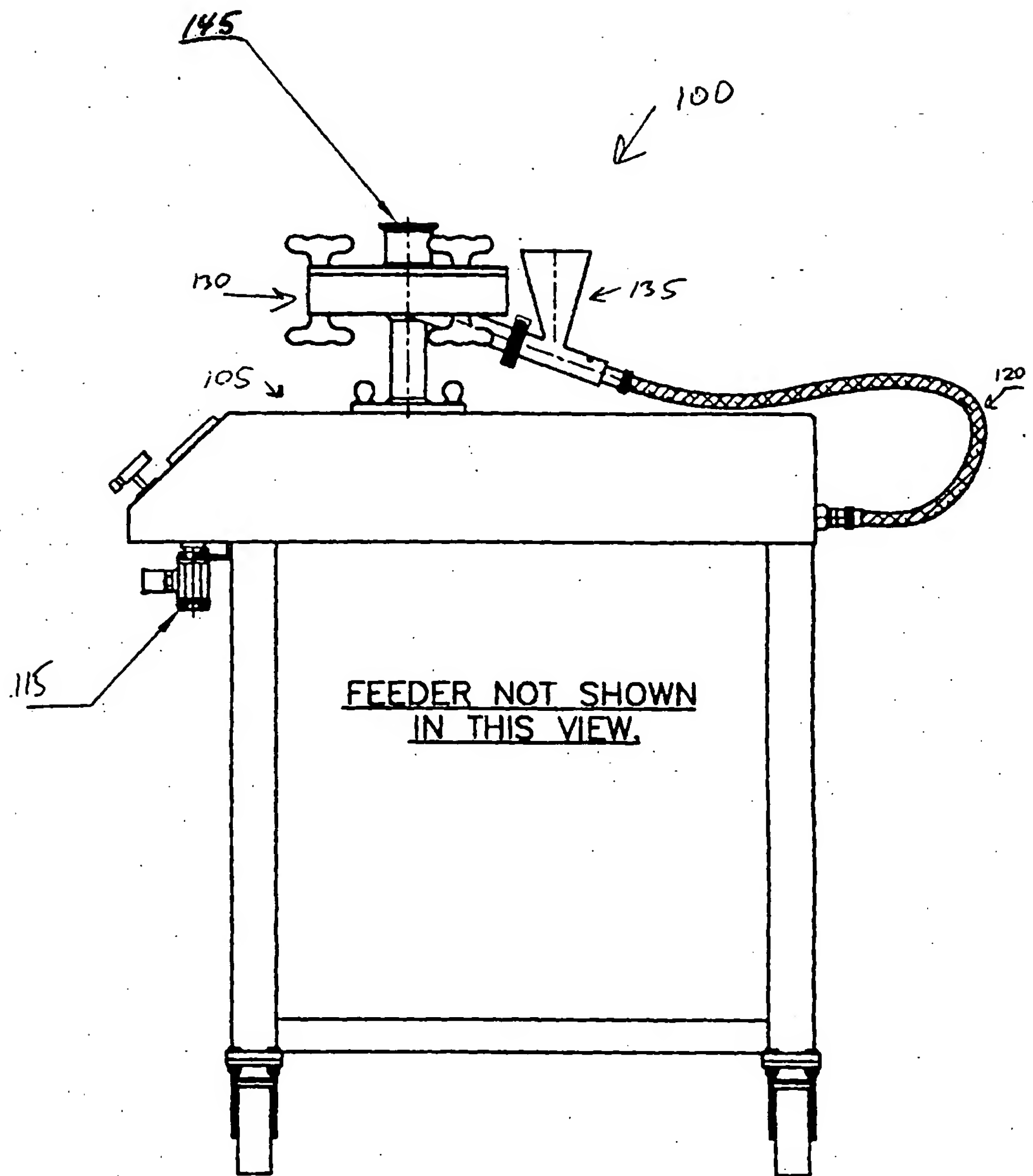


Fig. 1c

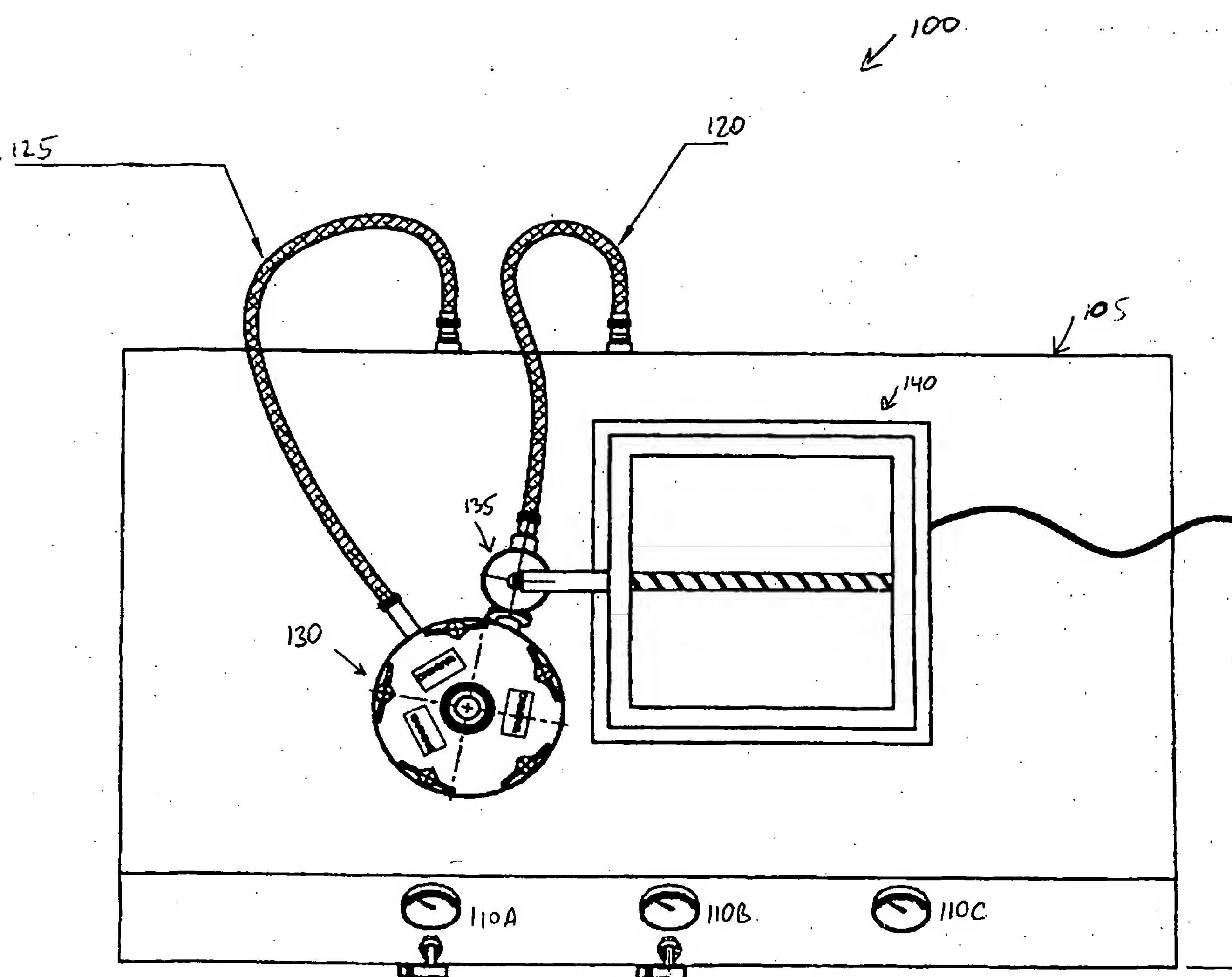


Fig. 1d

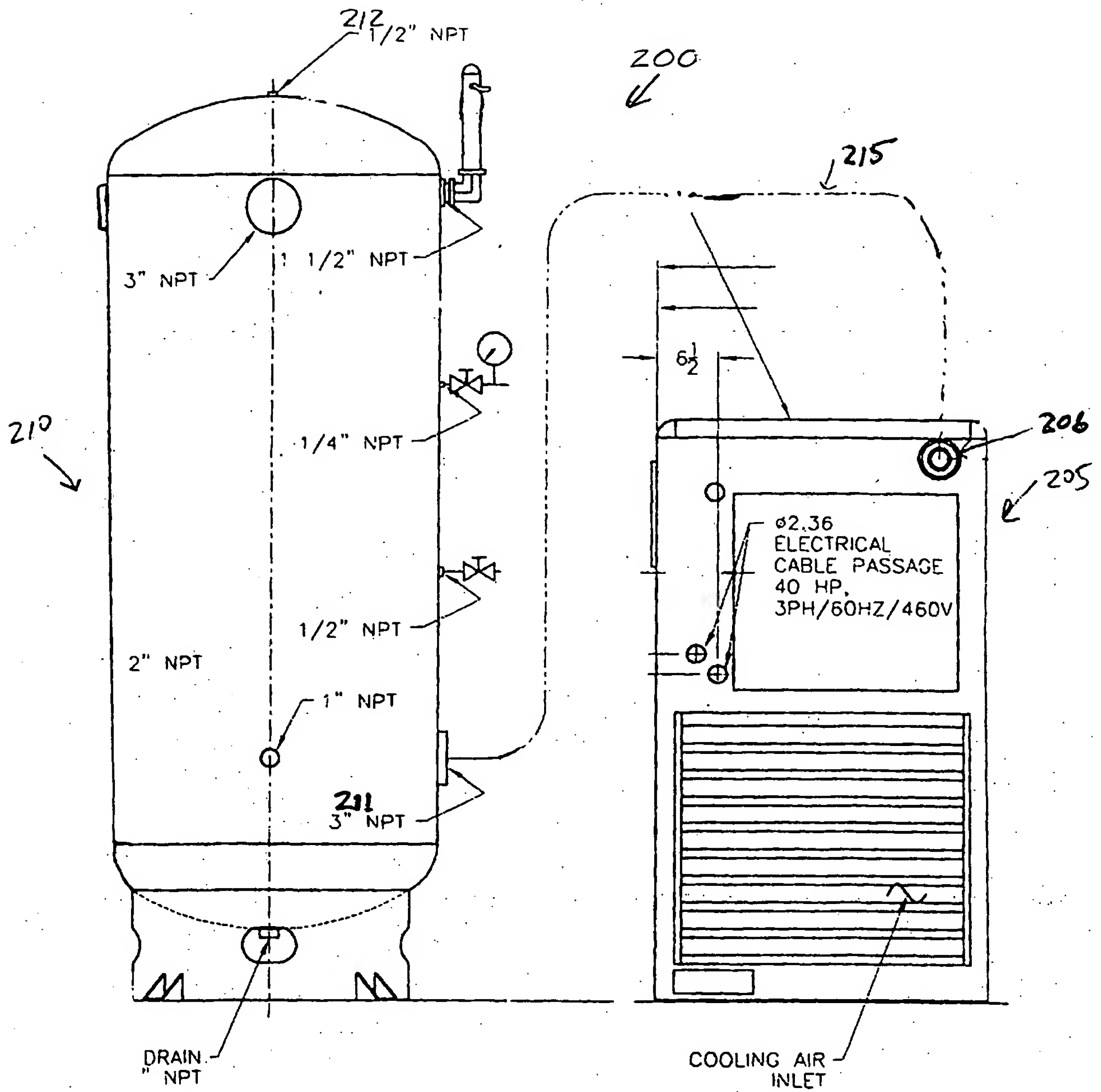
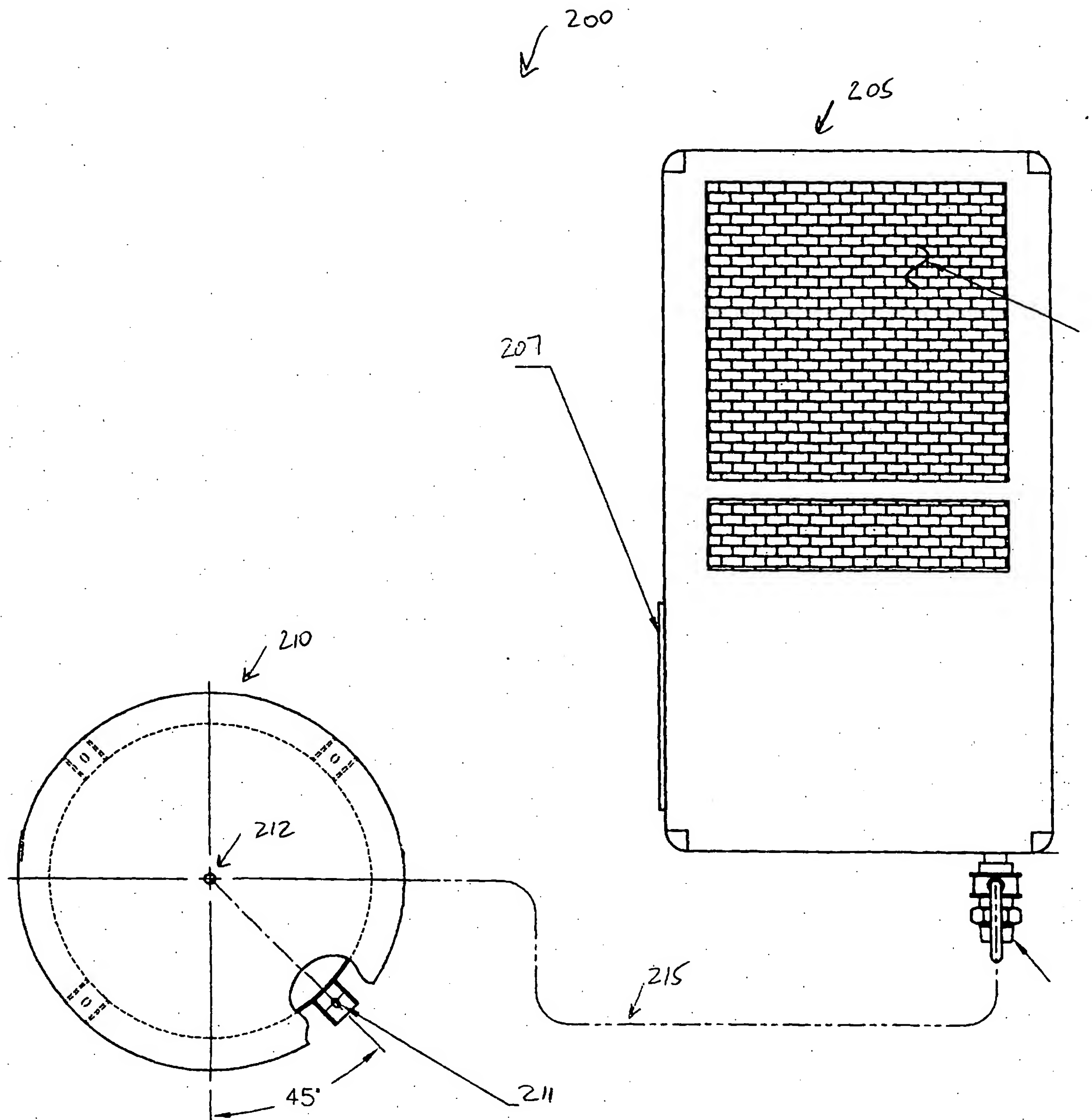


Fig. 1e

Fig. 1f



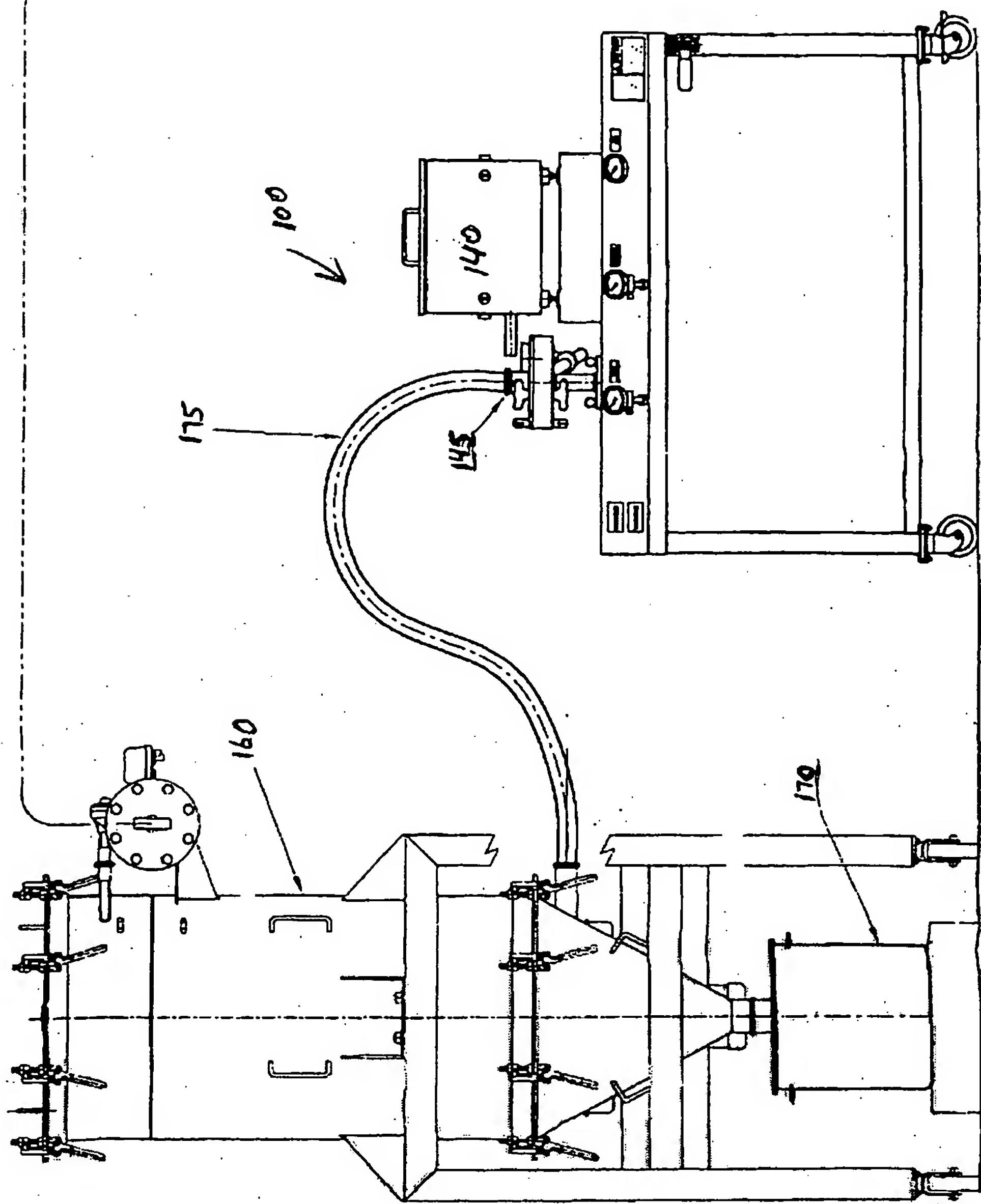


Fig. 18

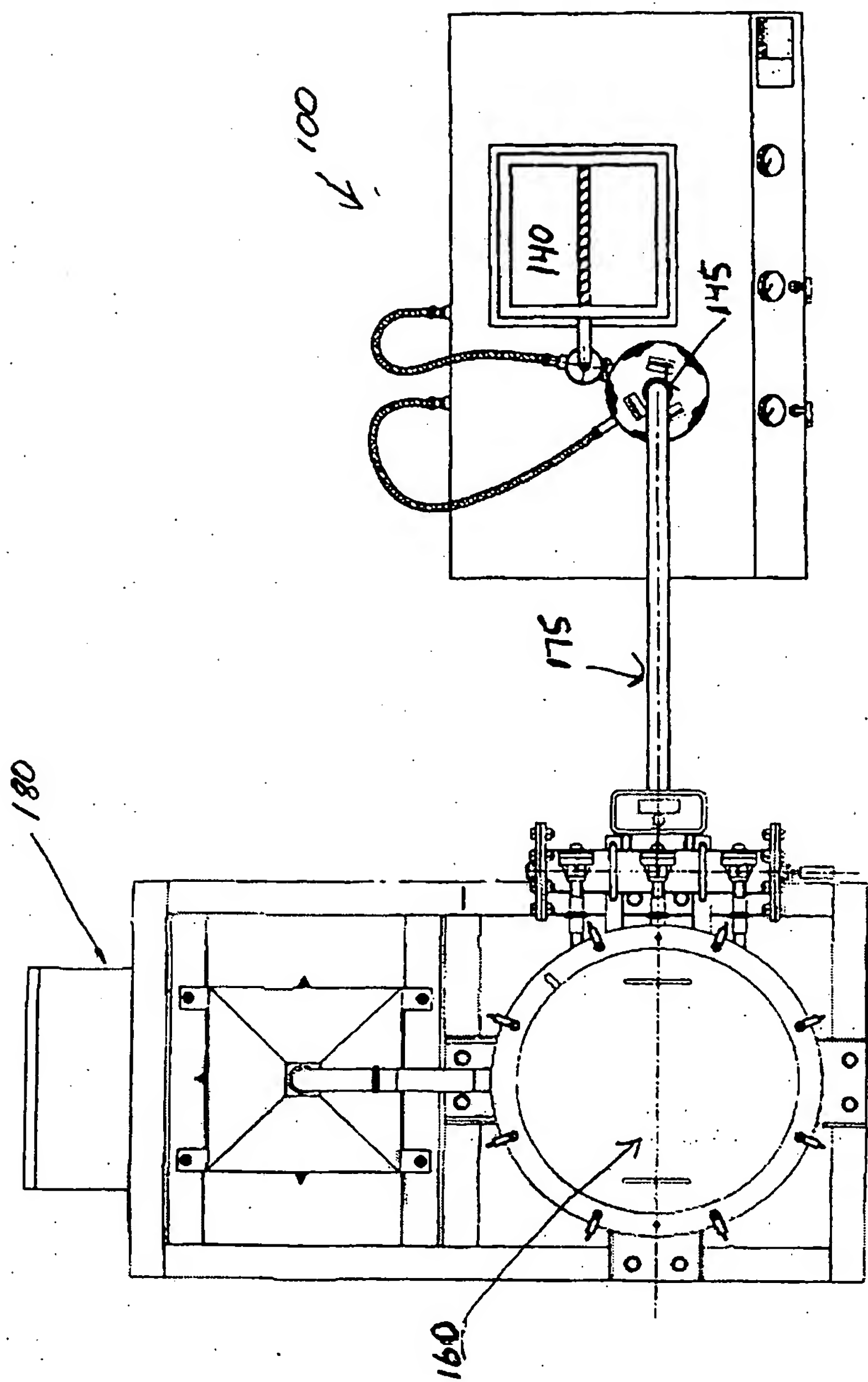


Fig. 1h



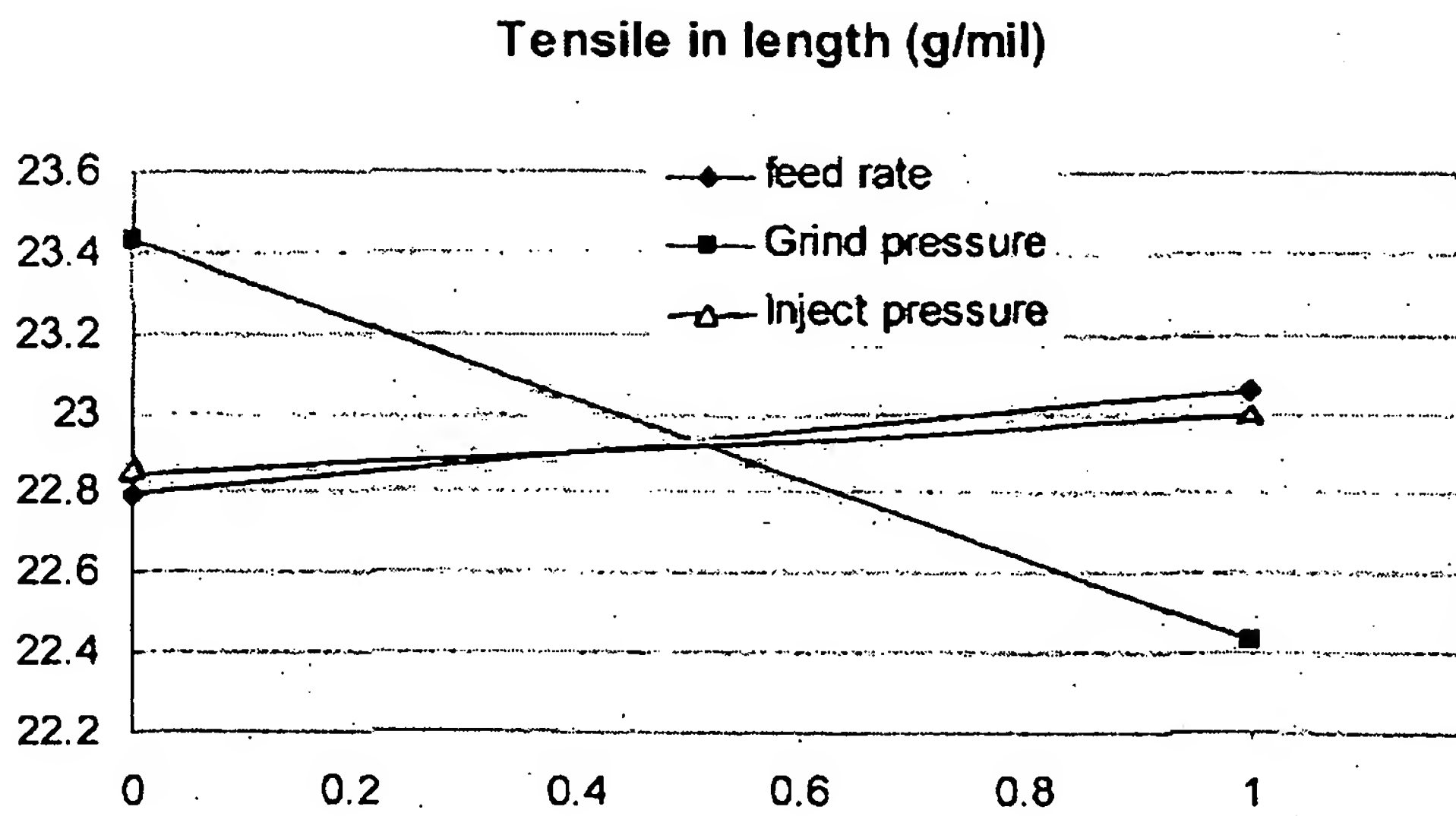


Fig. 1i

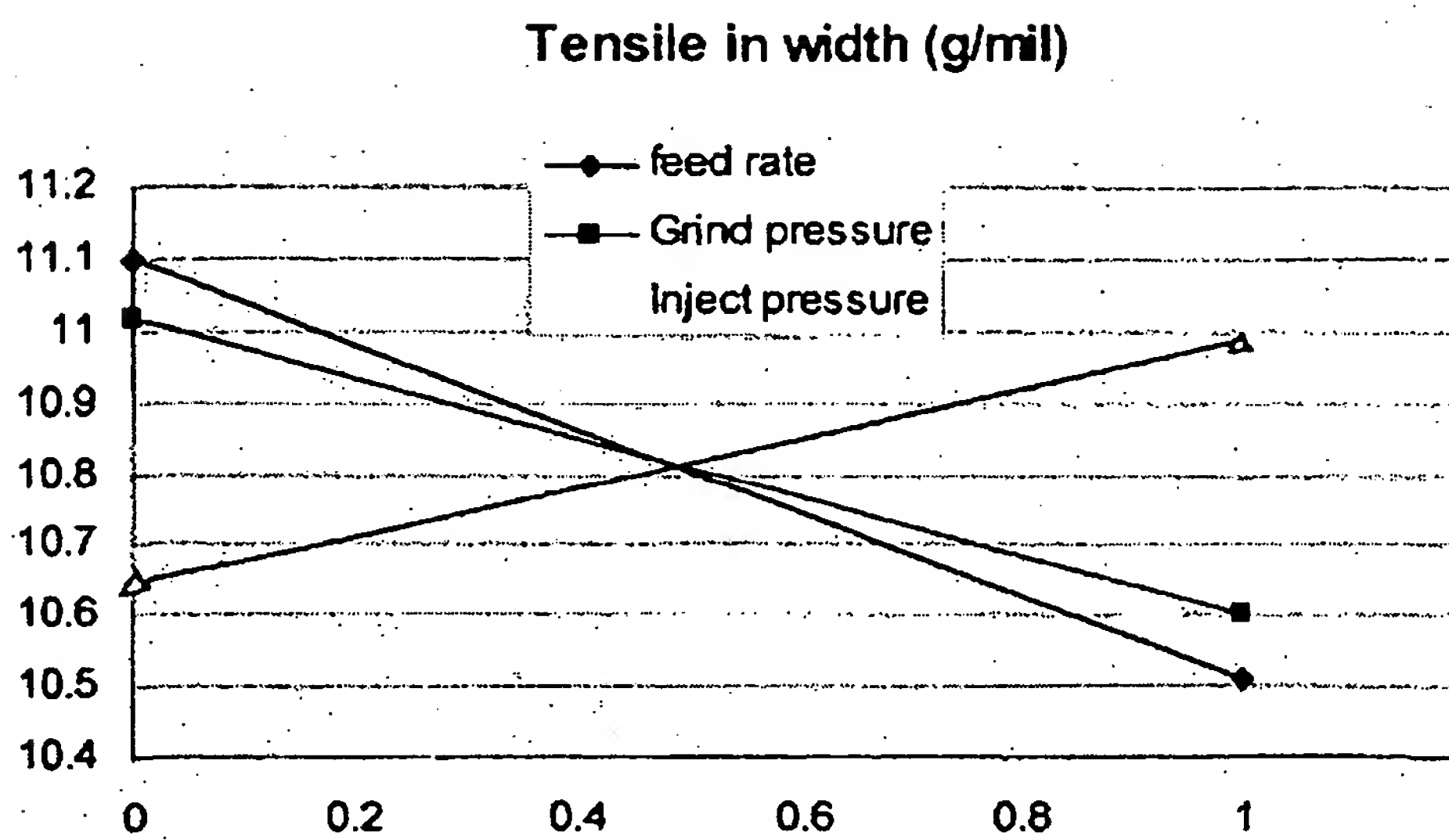


Fig. 1j

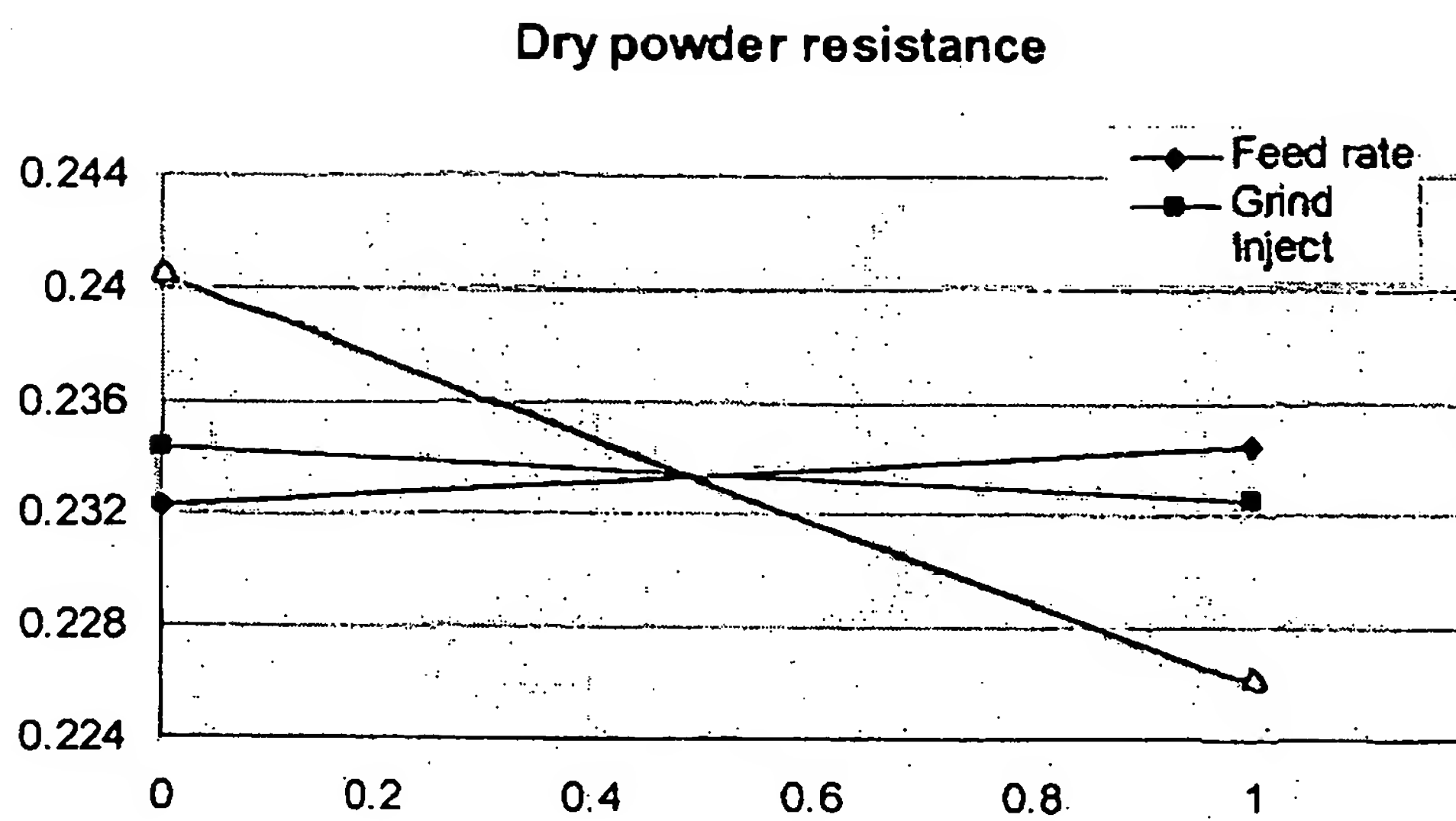


Fig. 1k

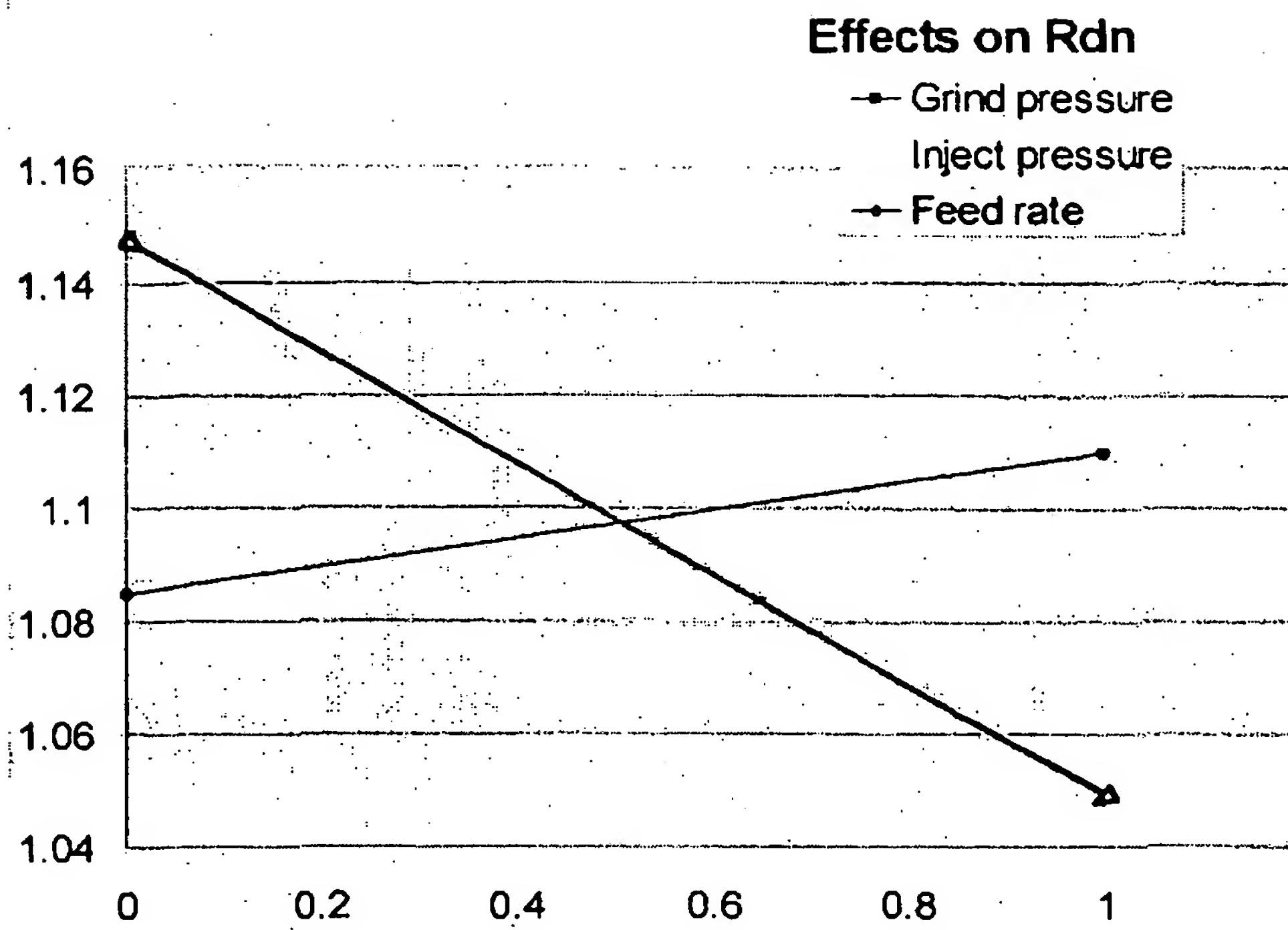


Fig. 1m

### Effects on Cup

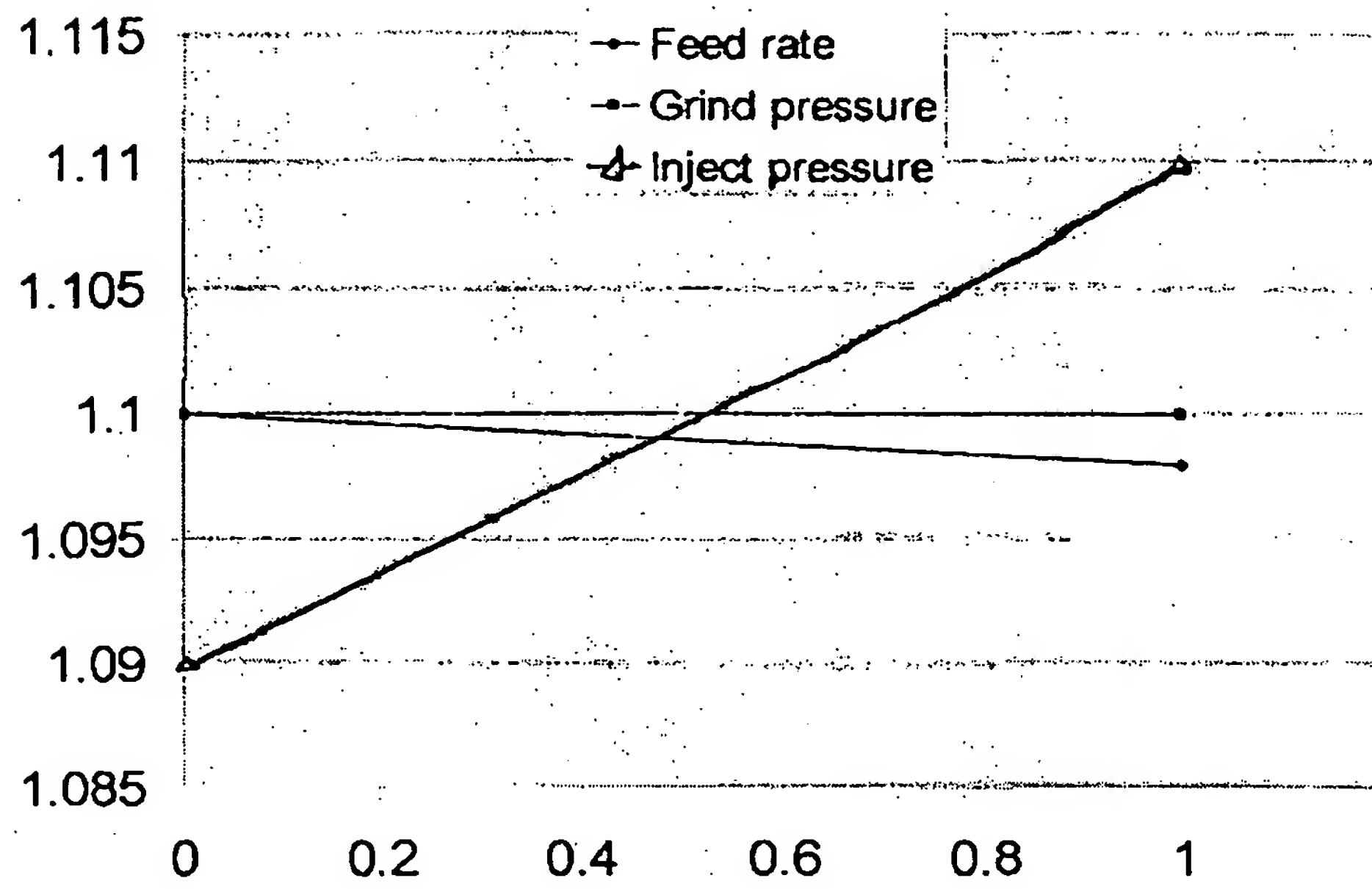


Fig. 1n

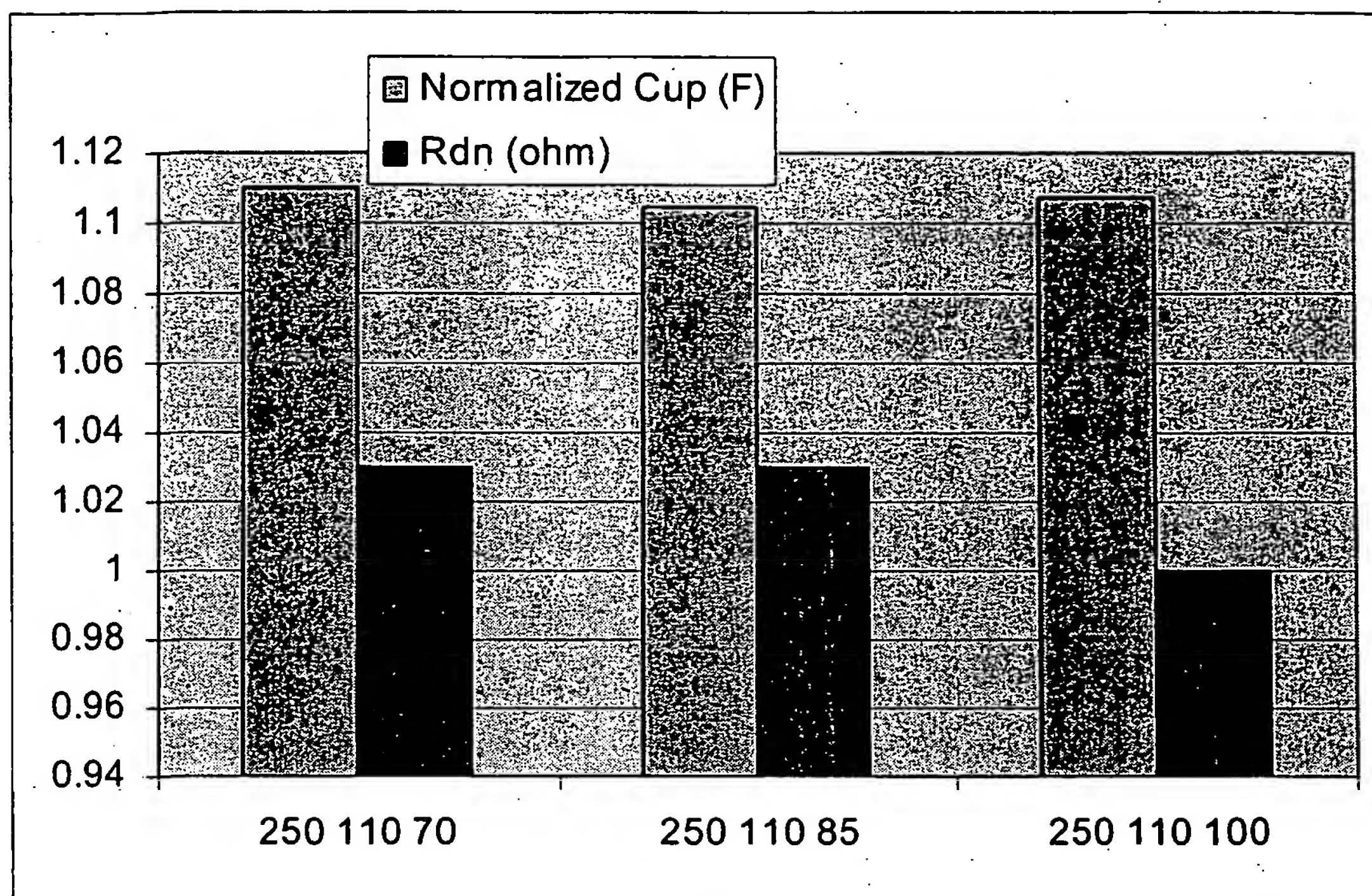


Fig. 1p

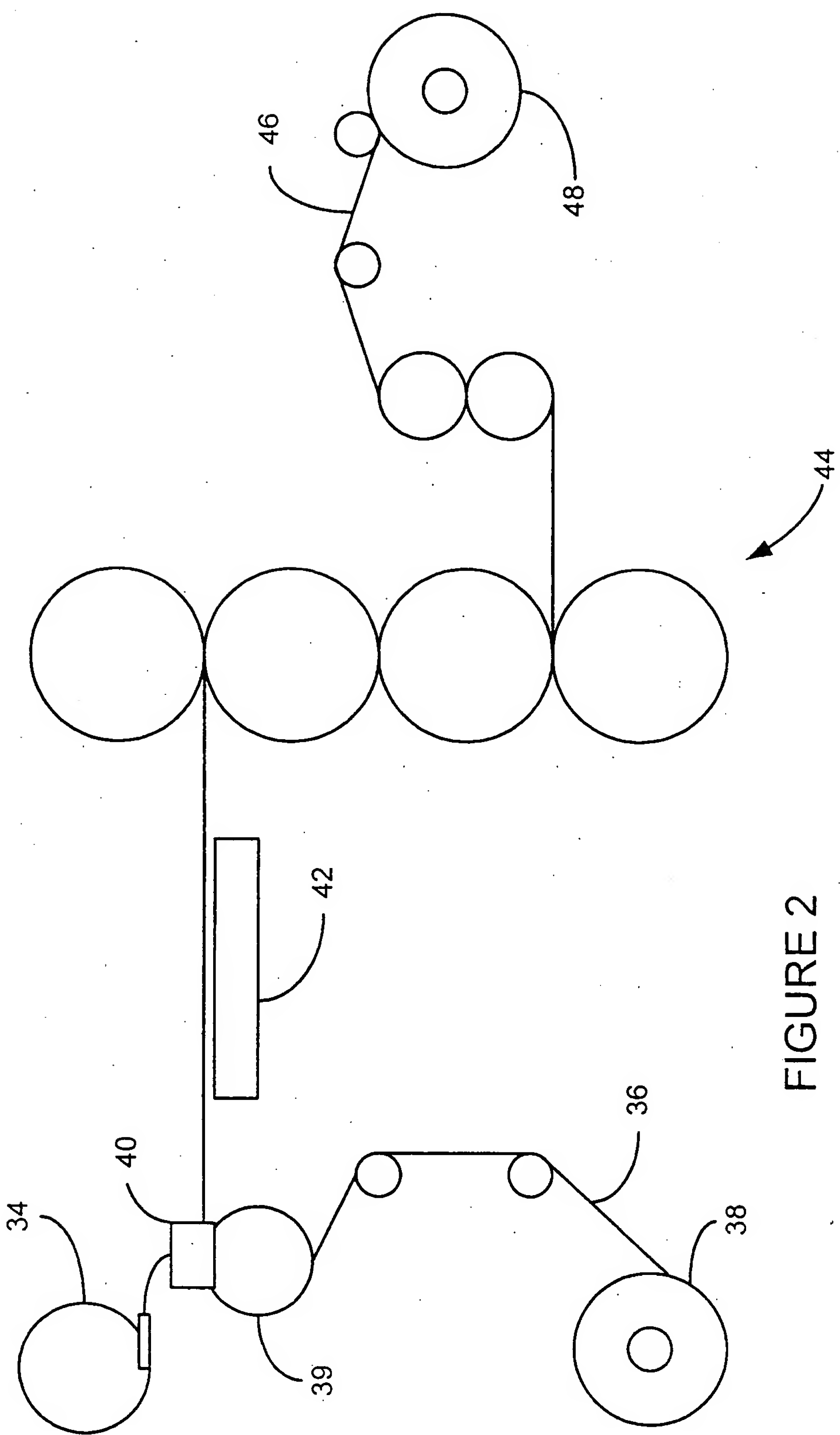


FIGURE 2

